

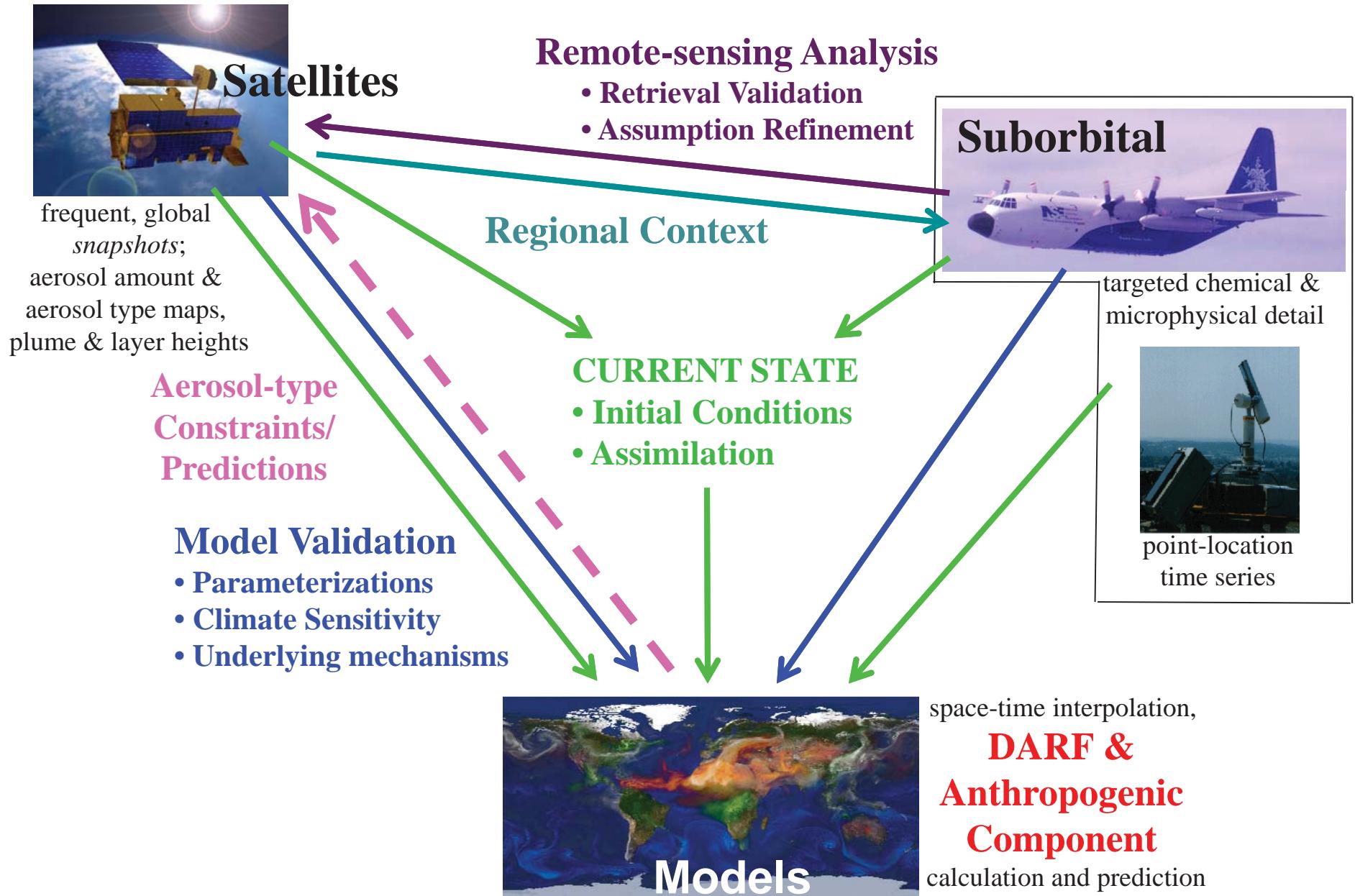
Discussion:

## Satellite-Model-Ground-based Inter-comparisons (WG-3)

### GOALS

- *Identify information content* / provide thorough characterization and documentation of the limitations and strengths of each satellite and also ground-based *aerosol retrieval products*  
[see also WG-2, WG-4]
- Suggest *approaches to* achieving the widest benefit from *comparing and integrating* *in situ* data with satellite and ground-based remote sensing data, *and with models*

# The value of Aerosol Measurement & Model Integration is Clear...



Adapted from: Kahn, Surv. Geophys. 2012

# Satellite-Model-Ground-based Inter-comparisons (WG-3)

## Discussion Questions

*Beyond what is already being done:*

1. Are there additional aerosol ***data product validation steps or product modifications*** that would improve ***satellite-suborbital data integration***\*?
2. Are there additional aerosol ***data product modifications*** that would improve ***measurement-model integration***?
3. Are there specific additions to ***data product documentation*** that would ***improve their use in models***?
4. Are the ***new method or procedure ideas*** for measurement-model integration that should be explored?

\****Integration*** can include comparisons, constraints, assimilation, & communication